

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1200	324/772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:06
L2	1	1 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)) and (distinguis\$4 near5 error near5 (converter and motor)) and (current near5 zero) and (error near6 (converter near3 valve)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L3	1	1 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)) and (distinguis\$4 near5 error near5 (converter and motor)) and (current near5 zero).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L4	0	1 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)) and (distinguis\$4 near5 error near5 (converter and motor)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L5	0	1 and (distinguis\$4 near5 error near5 (converter and motor)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L6	1	1 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L7	1	1 and (measur\$ near current) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12

## EAST Search History

L8	1	1 and (measur\$ near current) and (vary\$ near4 voltage) and (evaluat\$ near6 current).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L9	869	318/490.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L10	0	9 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)) and (distinguis\$4 near5 error near5 (converter and motor)) and (current near5 zero) and (error near6 (converter near3 valve)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L11	0	9 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)) and (distinguis\$4 near5 error near5 (converter and motor)) and (current near5 zero).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L12	0	9 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)) and (distinguis\$4 near5 error near5 (converter and motor)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L13	0	9 and (distinguis\$4 near5 error near5 (converter and motor)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L14	0	9 and (measur\$ near (phase near3 current)) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12

## EAST Search History

L15	0	9 and (measur\$ near current) and (vary\$ near4 voltage) and (evaluat\$ near6 (phase near3 current)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12
L16	0	9 and (measur\$ near current) and (vary\$ near4 voltage) and (evaluat\$ near6 current).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:12

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L1	1200	324/772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:01
L2	1	1 and ((error near3 (detect\$4 or measur\$4 or determin\$3 or calculat\$4)) near8 (motor and converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:07
L3	85	1 and (error near3 (detect\$4 or measur\$4 or determin\$3 or calculat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:06
L4	2	1 and (error near3 (detect\$4 or measur\$4 or determin\$3 or calculat\$4)) near8 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:06
L5	2	1 and (error near3 (detect\$4 or measur\$4 or determin\$3 or calculat\$4)) near8 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:06
L6	75	((error near3 (detect\$4 or measur\$4 or determin\$3 or calculat\$4)) near8 (motor and converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:09
L7	2688	(distinguish\$3 near8 (error or problem)) near8 (between (motor and converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:12

## EAST Search History

L8	4	7 and 324/772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:16
L9	1	(distinguish\$3 near8 (error or problem)) near8 (motor and converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:12
L10	1	7 and 318/608,490.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:17
L11	3007	((measur\$4 or detect\$4 or sens\$4) near4 (phase near3 current)) near8 motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:30
L12	657	11 and ((vary\$3 or chang\$3 or modify\$3) near4 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:19
L13	1	12 and (disrupt\$3 near4 current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:19
L14	393	11 and ((phase near3 current) near8 zero)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:21

## EAST Search History

L15	1	14 and (error near8 (converter near3 valve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:24
L16	9	14 and 324/772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:22
L17	6	14 and 318/490.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:22
L18	9	14 and (error near8 converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:30
L19	191	((measur\$4 or detect\$4 or sens\$4) near4 (phase near3 current)) near8 motor and ((vary\$3 or chang\$3 or modify\$3) near5 voltage) and (((evaluat\$3 or calculat\$3 or study\$3) near5 current) near8 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:34
L20	80	19 and ((determin\$3 or detect\$3) near5 error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:35
L21	3	20 and 324/772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:37

## EAST Search History

L22	18	("4546293"   "4727320"   "5352962"   "5616994"   "6538404").PN. OR ("6700400").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 15:35
L23	9	("4528486"   "5304903"   "5311105"   "5339013"   "5491393").PN. OR ("6538404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 15:36
L24	68	20 and "318"/\$ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 15:37